



## Local Situation Report

Prepared: 8-6-14 @ 0900

Local	GACC	Nat'l
2	2	4

**Today's Fire Danger**  
**High/Very High**

## INCIDENT SUMMARY for Yesterday

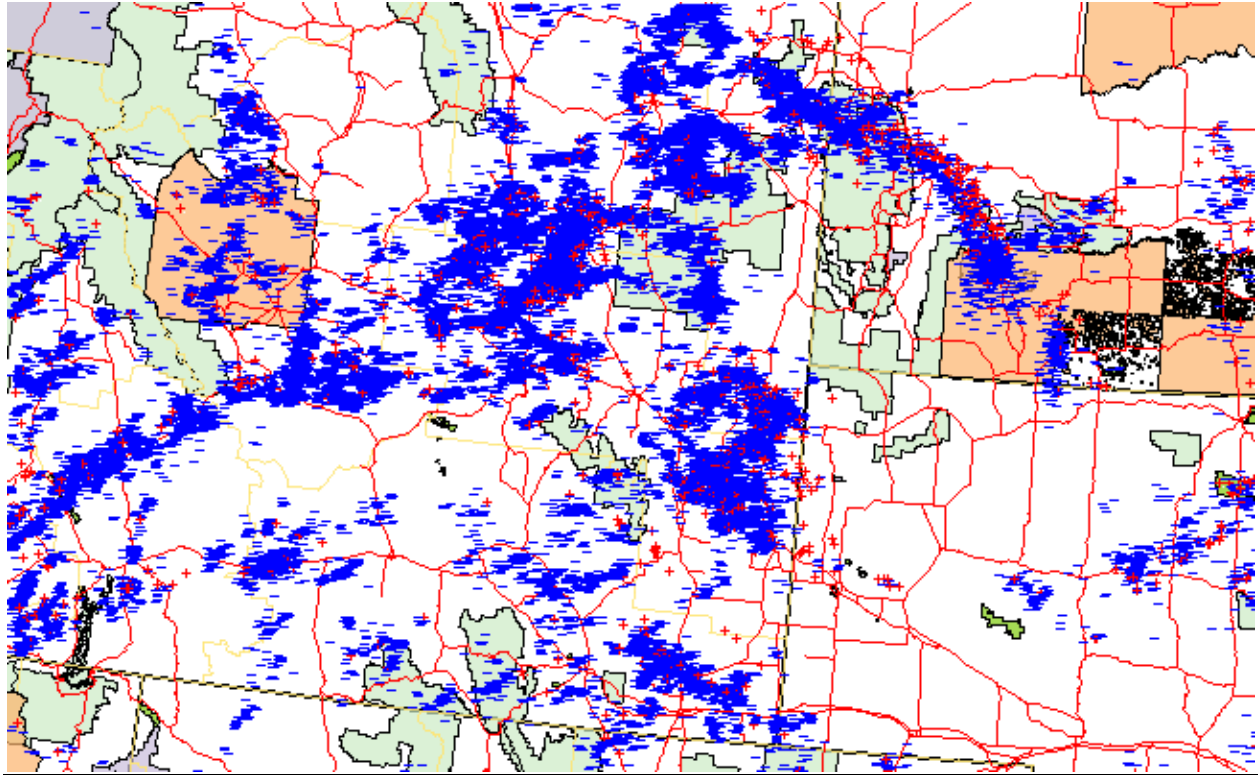
COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>
WYS	Eagle Canyon	1.8	L	Controlled	40N 80W Sec5	2602 and County Units Responded

MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

**Area Discussion:**

Had a few smoke reports, 1 confirmed fire. BLM E-2603 looking for a report from last night in Sheridan County, MBF-621 looking for a report off Blackhaul Rd.

**Lightning Map****INDICES (forecasted/actual)**

<b><u>FDRA</u></b>	<b>Predicted Today 8/6</b>		
	<b>Indices</b>	<b>Forecasted for 8/6</b>	<b>Actual for 8/5</b>
Echeta	BI	57	42
Rochelle Hills	ERC	9	9
Rochelle Hills	BI	33	33
Poker Creek	ERC	30	52
Casper Mtn	ERC	35	14
Fales Rock	BI	39	86
Sandstone	ERC	N/a	57
Esterbrook	ERC	47	48
Sawmill Park	ERC	29	24

## Duty Officers for Today:

<b><u>Duty Officers</u></b>	FS - Laramie	<b>Gonnoud</b>
	FS - Saratoga	<b>Rogge</b>
	FS - Douglas	<b>Westbrook</b>
	BLM	<b>Ellis</b>
	State	<b>Graham</b>
	FS – MBF NF	<b>Bentley</b>
	Dispatch	<b>Neibauer</b>

<b>Local Aviation Resources</b>		Location	Status
	2TJ (Duncan) State		<b>Avail</b>
	2HX (Rawlins) BLM	<b>RWL</b>	<b>Avail</b>

## Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0555	2020	<b>2050</b>
Casper	0602	2020	<b>2050</b>
Glenrock	0600	2018	<b>2048</b>
Laramie	0603	2013	<b>2043</b>

## Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Lands Weston County
SHX	7/28		Open burning restrictions
JOX	7/17		Open burning restrictions
BLM	8/1		Open burning restrictions

# Weather Discussion

WYZ280 -  
NATRONA COUNTY/CASPER BLM

WITH SOMEWHAT DRIER AIR MOVING INTO THE AREA EXPECT SHOWER AND THUNDERSTORM ACTIVITY TO BE DIMINISHED ON WEDNESDAY...WITH THE BEST COVERAGE ACROSS NORTHERN AND EASTERN ZONES. THE PERIODS OF SHOWERS AND THUNDERSTORMS WILL PUSH INTO THURSDAY AND FRIDAY...THOUGH THE WEAKENED COVERAGE WILL PERMIT THE BEGINNING OF A WARMING TREND. RELATIVE HUMIDITY SHOULD REMAIN ABOVE CRITICAL LEVELS AND WINDS GENERALLY LIGHT TO MODERATE.

## .TODAY...

**SKY/WEATHER**.....PARTLY CLOUDY. PATCHY FOG UNTIL 1200. SCATTERED RAIN SHOWERS. SCATTERED THUNDERSTORMS AFTER 1200. CHANCE OF PRECIPITATION 50 PERCENT.

**MAX TEMPERATURE**.....75-80.

**MIN HUMIDITY**.....36-42 PERCENT.

**20-FOOT WINDS**.....UPSLOPE/UPVALLEY 5-9 MPH UNTIL 1200...THEN NORTH AROUND 10 MPH AND GUSTY.

**RIDGE TOP WINDS**.....WEST AROUND 10 MPH UNTIL 1200...THEN NORTH.

**LAL**.....1 UNTIL 1200...THEN 3.

**CHC OF WETTING RAIN**.5 PERCENT UNTIL 1200...THEN 15 PERCENT.

**HAINES INDEX**.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

## .TONIGHT...

**SKY/WEATHER**.....PARTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS UNTIL 2400. CHANCE OF PRECIPITATION 20 PERCENT.

**MIN TEMPERATURE**.....53-58.

**MAX HUMIDITY**.....80-86 PERCENT.

**20-FOOT WINDS**.....DOWNSLOPE/DOWNVALLEY 4-7 MPH.

**RIDGE TOP WINDS**.....NORTH AROUND 10 MPH UNTIL 2400...THEN SOUTHWEST.

**LAL**.....3 UNTIL 2400...THEN 1.

**CHC OF WETTING RAIN**.LESS THAN 5 PERCENT.

**HAINES INDEX**.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

# Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL  
GRASSLAND

MONSOON MOISTURE AND ACTIVE FLOW ALOFT WILL CONTINUE TO SUPPORT  
ISOLATED TO WIDELY SCATTERED SHOWERS AND THUNDERSTORMS THROUGH THE  
REST OF THE WEEK. THE WET WEATHER PATTERN WILL KEEP HUMIDITY VALUES  
ABOVE CRITICAL THRESHOLDS EACH AFTERNOON. THIS COMBINED WITH LIGHT  
WINDS WILL KEEP FIRE WEATHER CONCERNS LOW.

## .TODAY...

**SKY/WEATHER**.....MOSTLY CLOUDY. PATCHY FOG UNTIL 0900. CHANCE OF  
SHOWERS. CHANCE OF THUNDERSTORMS AFTER 1200.  
SOME THUNDERSTORMS MAY PRODUCE SMALL HAIL AND  
HEAVY RAINFALL AFTER 1500.

**MAX TEMPERATURE**.....77-82.

**MIN HUMIDITY**.....38-44 PERCENT.

**20-FOOT WINDS**.....UPSLOPE/UPVALLEY 5-9 MPH.

**LAL**.....2 UNTIL 0900...THEN 3.

**CHC OF WETTING RAIN**.15 PERCENT.

**TRANSPORT WINDS**.....NORTHWEST AROUND 10 MPH.

**MIXING HEIGHT**.....3800-4500 FT AGL INCREASING TO 6300-7500 FT AGL  
IN THE AFTERNOON.

**SMOKE DISPERSAL**.....POOR TO FAIR (26100-44000 KNOT-FT).

**HAINES INDEX**.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

## .TONIGHT...

**SKY/WEATHER**.....MOSTLY CLOUDY UNTIL 2400...THEN PARTLY CLOUDY.  
SLIGHT CHANCE OF THUNDERSTORMS UNTIL 2100.  
SLIGHT CHANCE OF SHOWERS UNTIL 2400. ISOLATED  
THUNDERSTORMS AFTER 2100 UNTIL 2400. SOME  
THUNDERSTORMS MAY PRODUCE SMALL HAIL AND HEAVY  
RAINFALL UNTIL 2100.

**MIN TEMPERATURE**.....55-60.

**MAX HUMIDITY**.....86-92 PERCENT.

**20-FOOT WINDS**.....DOWNSLOPE/DOWNVALLEY 4-7 MPH. GUSTS UP TO 15  
MPH.

**LAL**.....3 UNTIL 2100...THEN 2 UNTIL 2400...THEN 1.

**CHC OF WETTING RAIN**.5 PERCENT.

**TRANSPORT WINDS**.....NORTHEAST AROUND 5 MPH SHIFTING TO THE  
SOUTHEAST AFTER MIDNIGHT.

**MIXING HEIGHT**.....3100-3600 FT AGL DECREASING TO 300 FT AGL AFTER  
MIDNIGHT.

**SMOKE DISPERSAL**.....POOR (1600-20600 KNOT-FT).

**HAINES INDEX**.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

# Weather Discussion

WYZ307 -  
SNOWY RANGE/MEDICINE BOW NF

MONSOON MOISTURE AND ACTIVE FLOW ALOFT WILL CONTINUE TO SUPPORT ISOLATED TO WIDELY SCATTERED SHOWERS AND THUNDERSTORMS THROUGH THE REST OF THE WEEK. THE WET WEATHER PATTERN WILL KEEP HUMIDITY VALUES ABOVE CRITICAL THRESHOLDS EACH AFTERNOON. THIS COMBINED WITH LIGHT WINDS WILL KEEP FIRE WEATHER CONCERNS LOW.

## **.TODAY...**

**SKY/WEATHER**.....PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS UNTIL 1200...THEN CHANCE OF SHOWERS AND THUNDERSTORMS.  
**MAX TEMPERATURE**.....65-71.  
**MIN HUMIDITY**.....35-41 PERCENT.  
**20-FOOT WINDS**.....WEST 10 TO 15 MPH.  
**LAL**.....2 UNTIL 0900...THEN 3.  
**CHC OF WETTING RAIN**.10 PERCENT.  
**TRANSPORT WINDS**.....WEST AROUND 15 MPH.  
**MIXING HEIGHT**.....3700-4500 FT AGL INCREASING TO 7000-8500 FT AGL IN THE AFTERNOON.  
**SMOKE DISPERSAL**.....FAIR (50700 KNOT-FT) INCREASING TO VERY GOOD (103900 KNOT-FT) IN THE AFTERNOON.  
**HAINES INDEX**.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

## **.TONIGHT...**

**SKY/WEATHER**.....MOSTLY CLOUDY UNTIL 2400...THEN PARTLY CLOUDY. CHANCE OF SHOWERS AND THUNDERSTORMS UNTIL 2100...THEN ISOLATED THUNDERSTORMS UNTIL 2400. SLIGHT CHANCE OF SHOWERS AFTER 2100.  
**MIN TEMPERATURE**.....46-51.  
**MAX HUMIDITY**.....69-75 PERCENT.  
**20-FOOT WINDS**.....SOUTHWEST AROUND 10 MPH IN THE EVENING BECOMING DOWNSLOPE/DOWNVALLEY 4-7 MPH.  
**LAL**.....3 UNTIL 2100...THEN 2 UNTIL 2400...THEN 1.  
**CHC OF WETTING RAIN**.5 PERCENT.  
**TRANSPORT WINDS**.....SOUTHWEST AROUND 10 MPH.  
**MIXING HEIGHT**.....4000-5200 FT AGL DECREASING TO 600-2600 FT AGL AFTER MIDNIGHT.  
**SMOKE DISPERSAL**.....POOR TO FAIR (16000-49500 KNOT-FT).  
**HAINES INDEX**.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.